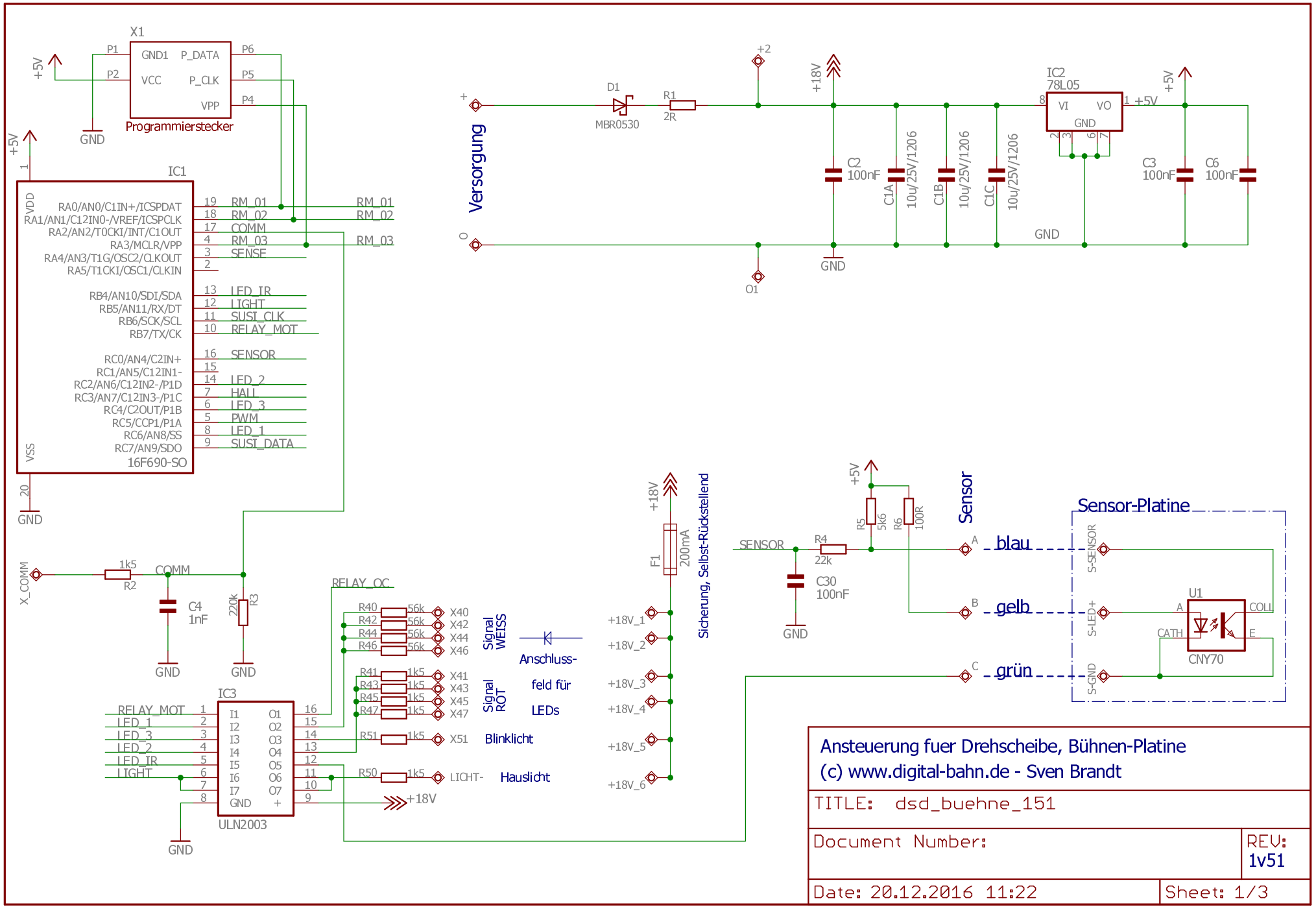
X1
Programmierstecker
IC1
16F690-SO
IC2
78L05
IC3
ULN2003
Versorgung
D1
MBR0530
R1
2R
C2
100nF
C1A
C1B
C1C
10u/25V/1206
C3
100nF
C6
100nF
+5V
+18V
GND
RM_01
RM_02
RM_03
COMM
SENSE
LED_IR
LIGHT
SUSI_CLK
RELAY_MOT
SENSOR
LED_2
HALL
LED_3
PWM
LED_1
SUSI_DATA
X_COMM
1k5
R2
C4
1nF
220k
R3
RELAY_OC
R40
R42
R44
R46
56k
X40
X42
X44
X46
Signal WEISS
R41
R43
R45
R47
1k5
X41
X43
X45
X47
Signal ROT
Anschluss-
feld für
LEDs
R51
X51
Blinklicht
R50
LICHT-
Hauslicht
+18V_1
+18V_2
+18V_3
+18V_4
+18V_5
+18V_6
F1
200mA
Sicherung, Selbst-Rückstellend
Sensor
R4
22k
C30
100nF
R5
5k6
R6
100R
blau
gelb
grün
Sensor-Platine
S-SENSOR
S-LED+
S-GND
U1
CNY70
CATH
COLL
E
Ansteuerung fuer Drehscheibe, Bühnen-Platine
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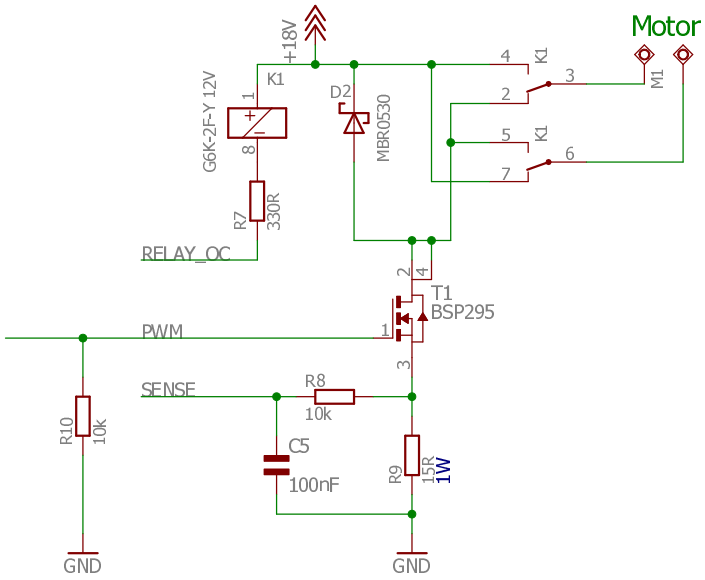
TITLE: dsd_buehne_151
Document Number:
REV: 1v51
Date: 20.12.2016 11:22
Sheet: 1/3



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TITLE: dsd_buehne_151

Document Number:

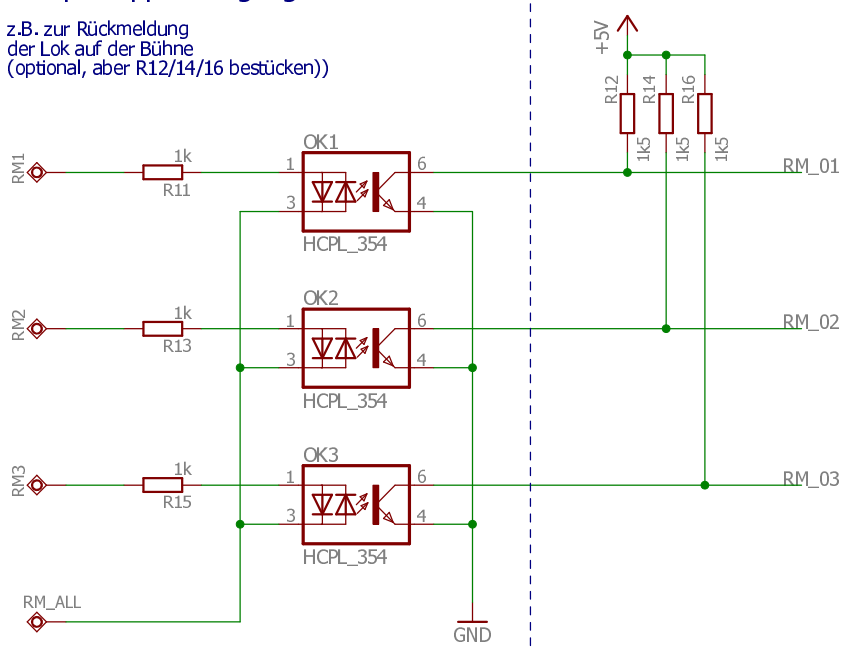
REV: 1v51

Date: 20.12.2016 11:22

Sheet: 2/3

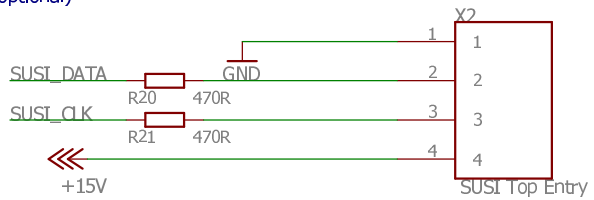
3x Optokoppler-Eingänge

z.B. zur Rückmeldung
der Lok auf der Bühne
(optional, aber R12/14/16 bestücken))



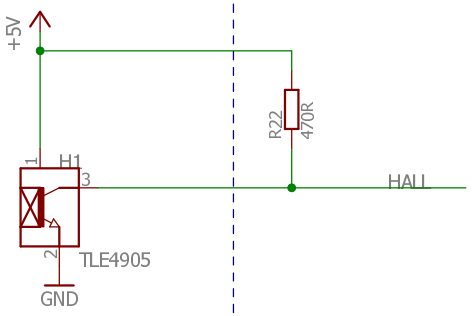
SUSI Schnittstelle

nur Anbindung eines SUSI
Sound Moduls
(optional)



Hall Sensor

zur Erfassung
der Null-Position
(optional, aber R22 bestücken)



History:
1v41 - erste Serie
1v42 - R40/42/44/46 von 1k5 auf 56k (Signal WEISS)
1v50 - Layout vom K1 auf 3.2 mm coil-contact
terminal spacing, R5 von 4k7 auf 5k6, C1 in 3x MLCC 1206
1v51 - R2 von 22k auf 1k5, C4 von 47pF auf 1nF

CE WEEE

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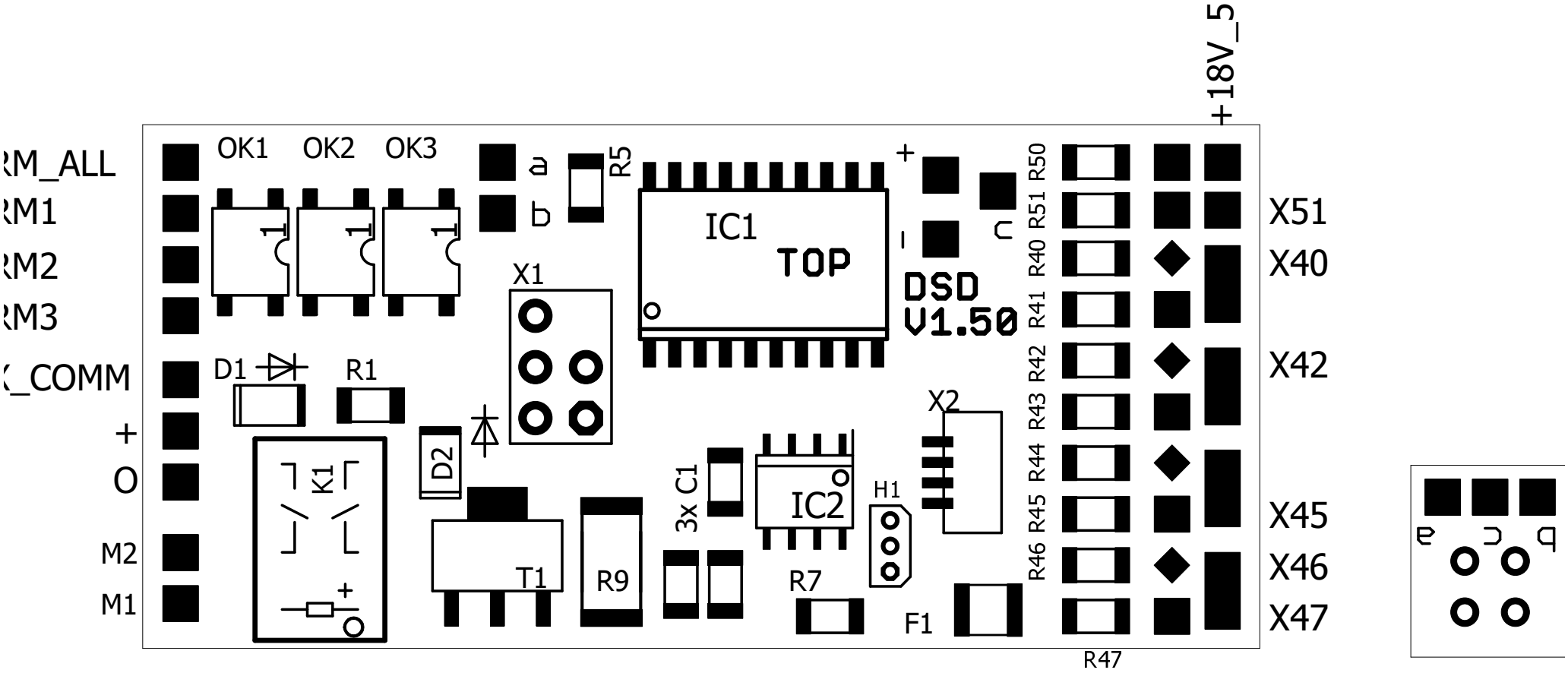
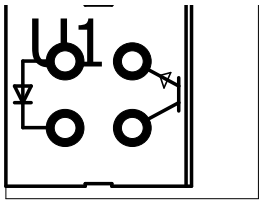
Document Number:

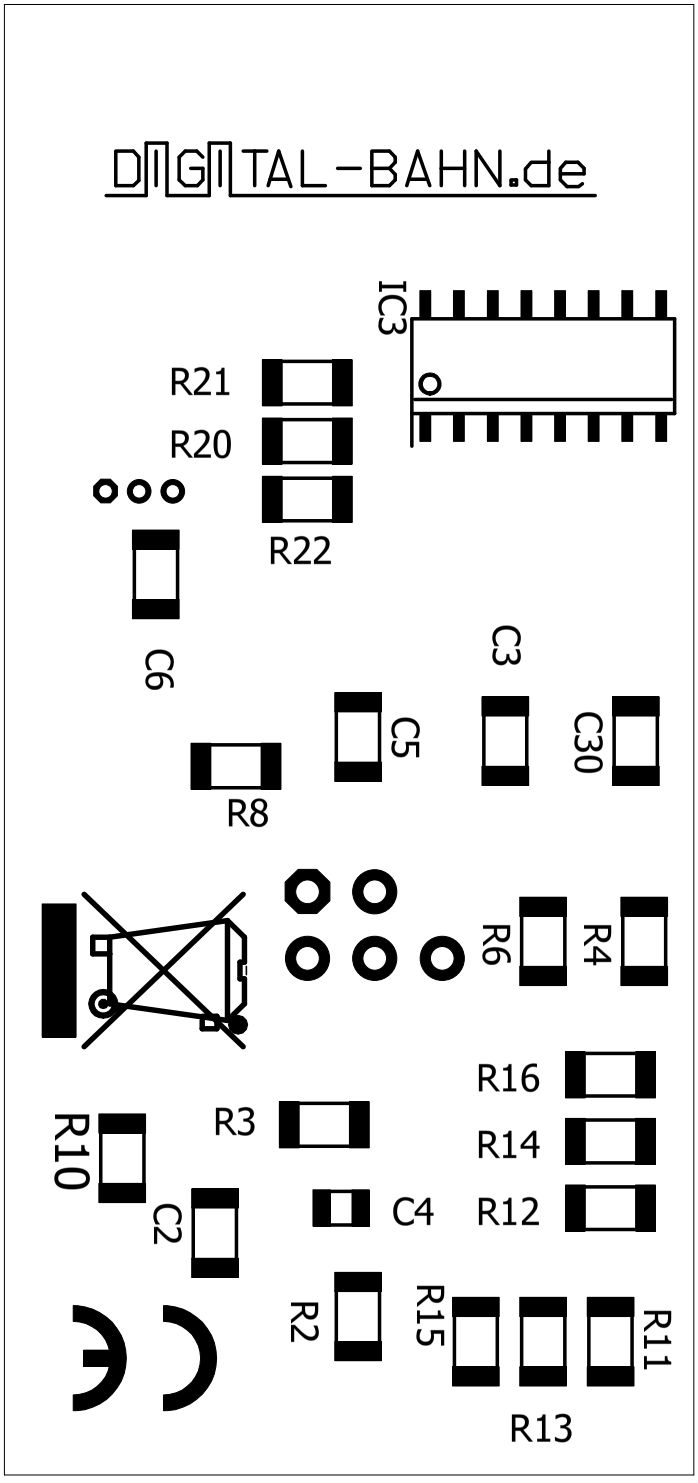
REV: 1v51

Date: 20.12.2016 11:22

Sheet: 3/3


+18V_5
RM_ALL
RM1
RM2
RM3
_COMM
+
O
M2
M1
OK1
OK2
OK3
R5
IC1
TOP
DSD
V1.50
X1
D1
R1
D2
K1
T1
R9
3x C1
IC2
H1
X2
R7
F1
R47
R50
R51
R40
R41
R42
R43
R44
R45
R46
X51
X40
X42
X45
X46
X47


S-GND
S-SENSOR


DIGITAL-BAHN.de
IC3
R21
R20
R22
C6
C3
C5
C30
R8
R6
R4
R16
R3
R10
R14
C4
R12
C2
R2
R15
R11
R13